

(c) generating an estimated data symbol from the stream of data samples by utilizing the estimated channel response.

40. The method of claim 39 wherein the estimating step comprises:

(a) generating an estimate of the channel response associated with each reference sample by low-pass filtering the stream of reference samples: and

(b) generating an estimated channel response between at least two of the reference sample estimated channel responses.

41. The method of claim 39 wherein the generating step comprises generating the estimated data symbol from the stream of data samples by correlating the estimated channel response with the stream of data samples.

42. The method of claim 39 further comprising the step of receiving the communication signal over a communication channel.

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